Please replace paragraph [29] with the following paragraph:

[29] The impedance adjusting inserts 402 are spaced apart from one another so that there is little or no coupling between them. For example, the width of the insert dividing wall 224 may be the width of a ground tail 133, so long as each impedance adjusting insert 204 overlaps signal contacts 136 of a differential pair 124.

A2

Please replace paragraph [36] with the following paragraph:

[36] Figure 6 is an isometric view of an impedance controlled connector assembly 600 formed in accordance with an embodiment of the present invention. The assembly 600 includes dielectric insert 602 having contact channels 604. The assembly 600 differs from the assembly 500 in that the dielectric insert 602 is inserted from underneath the contacts 122 and 126 through an opening 601 in the connector base, as opposed to being positioned over the contacts 122 and 126. The contacts 122 and 126 rest on the contact channels 604, which conform to the contours of the contacts 122 and 126. As shown with respect to Figure 6, the dielectric insert 602 does not include metallic inserts.

A3

IN THE CLAIMS

1. (once amended) A connector assembly, including:

B1

a connector housing;

at least two signal contacts arranged as a differential pair and at least one ground contact held in said connector housing, said at least two signal contacts being separated by a gap;

A4

an impedance tuner block insertable into said connector housing, said impedance tuner block having at least two channels notched therein, said impedance tuner block including isolation layers formed of a dielectric material and separating said channels, each channel receiving a corresponding one of said signal contacts and each isolation layer being inserted